

FILE 'CAPLUS, MEDLINE, USPATFULL' ENTERED AT 16:00:27 ON 04 SEP 2002
L1 3857 S (NUCLEOTIDE OR URIDINE OR CYTIDINE OR OROTIC ACID) AND CREATI
L2 3 S L1 AND (LEIGHS DISEASE OR KEARNS-SAYRES SYNDROME)
L3 160 S L1 AND (ALZHEIMER OR PARKINSON OR HUNTINGTON)
L4 60 S L3 AND (MUSCULAR DYSTROPHY OR MYTONIC DYSTROPHY OR CHRONIC F
L5 46 S L4 AND (EPILEPSY OR NEUROPATHY OR NEUROGENIC BOWEL DYSFUNCTI
L6 3 S L5 AND (LEIGHS DISEASE OR KEARNS-SAYRES SYNDROME)

=>

=> d 16 1-3 ibib abs

L6 ANSWER 1 OF 3 USPATFULL

ACCESSION NUMBER: 2002:92658 USPATFULL
TITLE: Compositions and methods for treatment of mitochondrial diseases
INVENTOR(S): Von Borstel, Reid W., Potomac, MD, UNITED STATES
Saydoff, Joel A., Middletown, MD, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2002049182 A1 20020425
APPLICATION INFO.: US 2001-930494 A1 20010816 (9)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2001-763955, filed on 28 Feb 2001, PENDING A 371 of International Ser. No. WO 1999-US19725, filed on 31 Aug 1999, UNKNOWN
Continuation-in-part of Ser. No. US 1998-144096, filed on 31 Aug 1998, PENDING
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Road, Arlington, VA, 22201
NUMBER OF CLAIMS: 50
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 16 Drawing Page(s)
LINE COUNT: 2171

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds, compositions, and methods are provided for treatment of disorders related to mitochondrial dysfunction. The methods comprise administering to a mammal a composition containing pyrimidine nucleotide precursors in amounts sufficient to treat symptoms resulting from mitochondrial respiratory chain deficiencies.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 2 OF 3 USPATFULL

ACCESSION NUMBER: 2001:139534 USPATFULL
TITLE: Compositions and methods for treatment of mitochondrial diseases
INVENTOR(S): von Borstel, Reid W., Potomac, MD, United States
PATENT ASSIGNEE(S): Pro-Neuron, Inc. (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 2001016576 A1 20010823
APPLICATION INFO.: US 2001-838136 A1 20010420 (9)
RELATED APPLN. INFO.: Continuation of Ser. No. US 1998-144096, filed on 31 Aug 1998, PENDING
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Nixon & Vanderhye P.C., 8th Floor, 1100 N. Glebe Rd., Arlington, VA, 22201
NUMBER OF CLAIMS: 46
EXEMPLARY CLAIM: 1
LINE COUNT: 1390

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds, compositions, and methods are provided for treatment of disorders related to mitochondrial dysfunction. The methods comprise administering to a mammal a composition containing pyrimidine nucleotide precursors in amounts sufficient to treat symptoms resulting from mitochondrial respiratory chain deficiencies.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 3 USPATFULL
ACCESSION NUMBER: 2001:100342 USPATFULL
TITLE: COMPOSITIONS AND METHODS FOR TREATMENT OF MITOCHONDRIAL
DISEASES
INVENTOR(S): VON BORSTEL, REID W., POTOMAC, MD, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001005719	A1	20010628
APPLICATION INFO.:	US 1998-144096	A1	19980831 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	NIXON & VANDERHYE, 1100 N. GLEBE ROAD, 8TH FLOOR, ARLINGTON, VA, 22201		
NUMBER OF CLAIMS:	46		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1402		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	Compounds, compositions, and methods are provided for treatment of disorders related to mitochondrial dysfunction. The methods comprise administering to a mammal a composition containing pyrimidine nucleotide precursors in amounts sufficient to treat symptoms resulting from mitochondrial respiratory chain deficiencies.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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Terms	Documents
L7 and (muscular dystrohy or myotonic dystrophy or chronice fatigue syndrome or friedreich\$3 ataxia)	19

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EPO Abstracts Database	▼
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result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

<u>L8</u>	L7 and (muscular dystrohy or myotonic dystrophy or chronice fatigue syndrome or friedreich\$3 ataxia)	19	<u>L8</u>
<u>L7</u>	l5 and (alzheimer\$3 or parkinson\$3 or huntington\$3)	180	<u>L7</u>
<u>L6</u>	l5 and (leighs diseas or kearns-sayres syndrom)	0	<u>L6</u>
<u>L5</u>	(nucleotide or uridine or cytidine or orotic acid) and creatine	1089	<u>L5</u>
<u>L4</u>	nucleotide and creatine	1052	<u>L4</u>
<u>L3</u>	pyrimidine same nucleotide same creatine	6	<u>L3</u>
<u>L2</u>	L1 and mitochondrial respiratory chain dysfunction	4	<u>L2</u>
<u>L1</u>	mitochondrial same dysfunction	250	<u>L1</u>

END OF SEARCH HISTORY

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